Shaurya Chandhoke

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PROFESSIONAL EXPERIENCE

ADP   Roseland, NJ
Software Engineer   Aug 2020 – Present
- Implemented online development system that manages design to deployment process for APIs; increased conversion rate by 35%.
- Created streamlined web components that parse complex JSON objects to improve page rendering of large documents; improved site efficiency by 20%-30%.
- Established autonomous microservices to facilitate manual processes during software development; enhanced work throughput by 15%.
- Compiled monthly reports using analytical libraries to identify user heatmaps within products for further refinement; reduced negative user feedback scores by 12%-15%.

ADP   Roseland, NJ
Global Product and Technology Intern   May 2019 – Aug 2019
- Refined 5+ server-side CLI tools for API development; presented improvements to project manager.
- Collaborated with engineers on automation using IBM Watson chat bots; obtained 100% adoption rate from test group of 15 members.
- Operated under CI/CD and Agile methodology to organize and carry out project tasks with emphasis in quality and reliability; instituted custom bug triaging framework.

NEW JERSEY INSTITUTE OF TECHNOLOGY   Newark, NJ
Research Assistant   Jan 2018 – Dec 2018
- Manufactured cohesive system for connecting A2M8 lidar with Zumo 32U4 robot; published system design proposal to university research department.
- Architected sensor fusion program for simultaneous localization and mapping via data marshaling and multithreaded programming.
- Engineered roadway pothole mapping application using lidar sensors in productive, cost-effective manner; received TechQuest innovation grant for $10,000.

PROJECTS

TENOR AI
- Launched multi platform application wielding machine learning models to create personal assistant; exceeded 50+ users with average 10+ new daily active users.

THE COMPUTER VISION TOOLKIT
- Produced collection of computer vision tools varying from edge tracing to sky detection; attained 30+ toolkit downloads.

GOOGLE TRANSLATE CLONE
- Forged machine learning model under Seq2Seq architecture to yield multilingual text translator.

EDUCATION

STEVENS INSTITUTE OF TECHNOLOGY   Hoboken, NJ
Master of Science in Machine Learning   Sept 2020 – May 2023
- Certificate in Algorithmic Trading.

NEW JERSEY INSTITUTE OF TECHNOLOGY   Newark, NJ
Bachelor of Science in Computer Science   Sept 2016 – May 2020
- Minor in Applied Statistics.

SKILLS AND TECHNOLOGIES

Machine Learning: Predictive Modeling, Deep Learning, Natural Language Processing, Computer Vision, Quantitative Analysis, Dimensionality Reduction, Convex Optimization.

Software Engineering: Agile Development, Continuous Integration/Continuous Deployment, Object Oriented Programming, Test Driven Development, Serverless Architecture Design, Microservice Architecture Design.

Technologies: AWS, Elasticsearch, RabbitMQ, Jenkins, Jupyter, Jira, Docker, Kubernetes, GraphQL, Keras, Spark, Databricks, Splunk, PostgreSQL, MongoDB, MySQL, Cassandra, Redis, Selenium, Vault, Dynatrace.

Programming: Python, JavaScript, TypeScript, HTML, CSS, Sass, R, Java, C++, C, SQL, Bash, Julia, Rust, Kotlin.